

**Paul GS13 Neal N**

**From:** Fazekas Maj Scott J  
**Sent:** Friday, October 08, 1999 2:20 PM  
**To:** Gombar Col Bruce A; Richard MajGen Ronald G; Percy Col Ralph E II; Phillips Col Thomas S; Essink Col Robert G; Hardee Col James C; Flanagan BGen Robert M  
**Cc:** Piner GS13 Douglas C; GROSSMAN HMC ELEANOR J; Dreyer GS13 Kelly A; Haddock LtCol Ellen K; Gibbons Maj PatrickG; Lapan Maj David A; 'SMTP [<lunforda@nehc.med.navy.mil>']; 'SMTP[<simmons@nehc.med.navy.mil>]'; Wyckoff 1stLt Courtney D; Reed Jr Maj Leslie H; Frederick Cone; Jeremy Jungreis; Kyle Kneese; Neal Paul; Rick Raines; Stephen Finn; William Perez; Charles Campfield; Clint Cascaden; James Rich; Keith Oliver; Nicholas Ritzcovan; Shawn Turner; Stuart Fugler; Anne Hodges; Christina Delai; Chuck Demar; Sean Wright; Timothy Streaty  
**Subject:** ATSDR sitrep 8 Oct 99

Ladies and Gentlemen,

Events of this week:

--we have taken a total of 48 calls on the hotline. Copies of our logs have been forwarded to Kelley Dreyer, the Environmental Restoration Program Manager at HQMC. The majority of the calls have been those seeking more information. A small minority has been extremely upset. Two individuals have threatened lawsuits.

--we released the first article, announcing the ATSDR study, to local/regional media, to all USMC internal publications, base/station newspapers, and posted it to our Web Site. All local media coverage has been accurate and balanced.

--efforts continue to refine the PA plan Q's and A's, Fact Sheet and Base map for posting to the Web Page. Anticipate these being ready and on-line by end of next week. The link to the ATSDR page, along with hotlinks directly to the 97 Public Health study, and the 98 VOCs in Drinking Water and Adverse Pregnancy Outcomes study, will also be up on our page by next week. We will not publish an errata sheet to either document.

Issues:

1. A point that will undoubtedly draw attention: from 1980 when VOCs were first found in Hadnot Point water, to 1985, when the contaminated wells were shut down, I can find only one reference that the residents of the affected areas were notified by the Base. On 30 April 1985, a "Notice to the Residents of Tarawa Terrace" from the Commanding General, MajGen Buehl, residents were informed that two wells had minute (trace) amounts of several organic chemicals.

We are going through all our old Globes, from 1980 to 1985, to see if any other notification was posted. If any other notice or bulletin was distributed, request it be made available. I see a potential danger of a claim-not in the legal sense, but in the public affairs sense--that the Base officials knew about the contamination, but did not inform those drinking it.

2. Approximately 4500 letters have been mailed out by ATSDR. More and more people will e hearing about this study. Eventually, it will gain national media attention. Proactive dissemination of information will be our key to staying ahead of this issue, as much as we can. We will finalize planning for a press conference to continue to get information disseminated, date TBD but as soon as possible. We need to be prepared to provide information, more detailed and comprehensive than that contained in the fact sheet

CLW

**Paul GS13 Neal N**

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**From:** Cone GM14 Frederick E  
**Sent:** Friday, October 08, 1999 2:52 PM  
**To:** Fazekas Maj Scott J; Paul GS13 Neal N  
**Cc:** Brewer GS14 Scott A; Frazelle WS13 Byron M; Baker GM13 Carl H  
**Subject:** FW: VOC'S

SCOTT/NEAL-  
FYI.

ALSO, OF INTEREST. I WAS JUST TALKING TO MACK... I UNDERSTAND THAT WE SHUT DOWN LCH-41007 IN FEBRUARY OF THIS YEAR BECAUSE WE FOUND DICHLOROPROPAN 1,2 (USED IN DRY CLEANING) IN THE WELL (0.8 PPB) ALTHOUGH THIS WAS BELOW THE POTABLE DRINKING WATER LIMIT OF 5.0 PPB, THE WELL WAS SHUT DOWN. GARY DAVIS AND NEAL SHOULD HAVE THE INFO ON THIS.

SCOTT B. - ALTHOUGH I KNOW WE'RE SAMPLING FOR PCE/TCE ON A 6 MONTH BASIS, WE MAY WANT TO REVIEW THIS POLICY - MAY NEED MORE FREQUENT TESTING. BASED ON OUR KNOWLEDGE OF KNOWN HAZARDOUS SITES ALL OVER THE BASE (AND CONTINUING TO FIND CONTAMINATION), I'D RECOMMEND A CLOSE REVIEW OF OUR SAMPLING, INCLUDING SOME TYPE OF RISK ASSESSMENT OF POTENTIAL CONTAMINATION TO WELLS.

ANY THOUGHTS?

FRED

-----Original Message-----

**From:** Frazelle WS13 Byron M  
**Sent:** Friday, October 08, 1999 1:59 PM  
**To:** Cone GM14 Frederick E  
**Cc:** Miller WS12 Stanley L  
**Subject:** VOC'S

Fred, I'm showing LCH-4007 secured 2-25-99. To my knowledge nothing was ever detected until this year. I've got an old sheet dated 1-23-85 and it says ND (non detected) for LCH-4007.

RR-227. I wrote the Director, Util a memo 7-27-87 on the secured wells. Included in that memo I stated "RR-227 was renumbered RR-229. During initial sampling, the well contained trichloroethylene. This chemical was believed to have been left over by the drilling process. Subsequently, it was recommended a vigorous flushing program be undertaken to eliminate the problem. This was accomplished and it was our understanding subsequent testing showed no trace of VOC's. Can this well be re-started and utilized?"

Also a memo to Price dated 4-8-86 which I had given to Bob Alexander showed comment RR-229 never ran. I believe we never ran it after the memo and the well was finally demolished.

Unfortunately the January 23, 1985 sheet listed 645 as bottle broken. EMD should have info on this well. It is an IR site and has a portable ground water recovery unit running.

Mack

CLW

0000003164

**Paul GS13 Neal N**

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**From:** Piner GS13 Douglas C  
**Sent:** Wednesday, October 13, 1999 2:12 PM  
**To:** Davis GS12 Gary H  
**Cc:** Brewer, Scott; Paul, Neal  
**Subject:** RE: VOC'S

Gary, Thanks for your consideration of Fred Cone's request for additional drinking water well systems sampling/analysis... and application of your professional judgment relative to the human health risk factors vs. regulatory analysis of established sampling/analysis protocol currently in place. I will forward your e-mail to Scott and Neal for their information/consideration.

r/s  
Doug

-----Original Message-----

**From:** Davis GS12 Gary H  
**Sent:** Wednesday, October 13, 1999 7:12 AM  
**To:** Piner GS13 Douglas C  
**Subject:** RE: VOC'S

Doug:

We sampled individual wells following the recommendations of our first wellhead protection study (Geophex 1992). We performed a complete analysis including an extensive range of contaminants for each well (Greenhorne & O'Mara 1994). Thereafter, following the recommendations of Greenhorne & O'Mara 1994, we have been sampling wells for VOCs either annually or semi-annually (Research & Analytical Laboratories 1998, and Research & Analytical Laboratories 1999). All this individual well testing is done voluntarily; it not required by the SDWA or State regulations. However, it is being done based on accepted engineering recommendations from N.C. licensed engineering firms but not on any prescribed risk assessment.

What is required is periodic VOC sampling of entry points into the water distribution system. Meaning--at the discharge of the WTPs into the water distribution system. Because of the dilution factor it is not likely we would ever see VOCs at the entry points. However, we continue to sample (I think once every 3 years) in compliance with the SDWA and State regulations.

We sample drinking water either because: 1) we are required to sample, and/or because 2) we have specific objectives.

- 1) We are meeting our required sampling of VOC at the entry points into the water distribution system (once every 3 years). Increasing the frequency is not required. Increasing the frequency will not likely yield any useful information since we are not likely to see an increase in VOCs due primarily to the dilution factor.
- 2) We are following engineering recommendations to perform periodic VOC sampling of individual wells. Our objective is to detect low levels of VOC contamination at the earliest possible opportunity. We continue to detect new sources of VOC contamination from time to time and when we do Facilities generally closes the well. The engineering recommendations we have to date are that in some wells this should be done every 6 months. In other wells it need only be done every 1 or 2 years. As a practical matter it takes about 1 to 2 months to get the results from a sampling event. So from a practical viewpoint the question would seem to be do we need to sample wells once every 2 months? That has not been the recommendation of any of the consultants who have looked at the issue.

A larger question would be do we need to perform any type of prescribed risk assessment? Generally speaking the EPA performs risk assessments when it establishes drinking water regulations. So if we are complying with the SDWA we are necessarily minimizing the risk to our customers to what is the regulatorily acceptable risk. That risk is generally bounded by the MCL and MCLG. The upper level of acceptable risk being the MCL, the lowest level of acceptable risk being the MCLG (many times the MCLG is zero).

The State 2L groundwater standards are generally in the range between the MCL and MCLG. Facilities has generally been closing wells when contamination is found at either the MCL or 2L concentration. Therefore, when we close an individual well because an individual VOC contaminant is found above the State 2L groundwater standard we fall below the EPA threshold of acceptable risk because: 1) our individual well waters are mixed and any VOC contamination is diluted below detectable limits, 2) even before mixing and dilution we are shutting wells down at the

State 2L standard--a lower standard than the MCL.

The question then becomes do we intend to lower the level of risk even further by shutting down wells when VOC contamination is found above the MCLG? Many times the MCLG the zero! Therefore, do we intend to shut down wells when any contamination above zero is detected? This gets to be a very hard question since detection and quantitation limits vary from parameter to parameter--and they get lower over time.

**Recommendation:** Follow accepted engineering recommendations and continue VOC sampling as currently practiced. This can include moving wells into or out of the 6-month queue as determined prudent by IRDs on-going groundwater investigations.

V/R,

*Gary*

-----Original Message-----

**From:** Piner GS13 Douglas C  
**Sent:** Tuesday, October 12, 1999 2:32 PM  
**To:** Davis, Gary  
**Subject:** FW: VOC'S

Gary, Please see Scott' e-mail below. Any comment??

r/s  
Doug

-----Original Message-----

**From:** Brewer GS14 Scott A  
**Sent:** Tuesday, October 12, 1999 11:31 AM  
**To:** Piner GS13 Douglas C; Paul GS13 Neal N  
**Subject:** FW: VOC'S

Doug/Neal: Let's get together and discuss Fred's comment below concerning more frequent sampling of drinking water wells for VOC's. I'm not opposed to increasing the frequency but "...how often is often enough?". Let's do (within reason) whatever gives us the most assurance that MCBCL won't have another ATSDR study. V/r sab

-----Original Message-----

**From:** Cone GM14 Frederick E  
**Sent:** Friday, October 08, 1999 2:52 PM  
**To:** Fazekas Maj Scott J; Paul GS13 Neal N  
**Cc:** Brewer GS14 Scott A; Frazelle WS13 Byron M; Baker GM13 Carl H  
**Subject:** FW: VOC'S

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FRED

CLW

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**From:** Frazelle WS13 Byron M  
**Sent:** Friday, October 08, 1999 1:59 PM  
**To:** Cone GM14 Frederick E

0000003166

Cc: Miller WS12 Stanley L  
Subject: VOC'S

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Mack

CLW

0000003167

**Morris GS09 Thomas S**

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**From:** Paul GS13 Neal N  
**Sent:** Friday, October 15, 1999 7:24 AM  
**To:** Morris GS09 Thomas S; Smith GS04 Val D  
**Subject:** NEHC

Tom,  
Please contact Cmdr Byrnes(female) at subject and let her know what is going on with ABC Cleaners P&T. Also, have Val fax her the Drinking water study article from the Globe last week.  
Phone:202-762-3586  
fax: 3490  
Thanks,  
N

**CLW**

**0000003168**

## Morris GS09 Thomas S

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**From:** Morris GS09 Thomas S  
**Sent:** Monday, October 18, 1999 5:53 AM  
**To:** Dreyer GS13 Kelly A  
**Cc:** Paul GS13 Neal N; Fazekas Maj Scott J  
**Subject:** RE: discrepancy with start of contam.

Kelly,

In compliance with requirements of the Safe Drinking Water Act, the EPA published regulations for the control of Trihalomethanes (THM) in November 1979. For water treatment systems serving between 10,000 and 75,000 people, mandatory monitoring was required to begin by 29 November 1980 and compliance with the new standard was to be achieved by 29 November 1983. Smaller systems serving fewer than 10,000 people were not required to monitor and comply with the new standards. At Camp Lejeune, only the Hadnot Point and MCAS New River water plants served more than 10,000 people. These two plants were required to be tested quarterly; however, Camp Lejeune proactively had samples drawn from all water systems.

Camp Lejeune is in possession of "Surveillance Report Forms" from Laboratory Chief, Fort McPherson Laboratory that reflect chlorinated hydrocarbons (solvents) in the sampled water at high levels, which interfered with Trihalomethane (THM) sampling in Hadnot Point. The samples from 21 Oct 80, 18 Dec 80, 29 Jan 81, 26 Feb 81 and 9 Mar 81 exhibited the high levels of solvent contamination. Samples taken on 14 Apr 81 and 11 Jun 81 do not reflect any further interference from chlorinated hydrocarbons.

Please let me know if you have any comments or questions.

Thanks,

V/R

Thomas S. Morris  
Environmental Protection Specialist  
Installation Restoration Division  
Environmental Management Department  
Marine Corps Base, Camp Lejeune, NC  
(910) 451-9612 -or- (DSN) 751-9612

-----Original Message-----

From: Dreyer GS13 Kelly A  
Sent: Monday, October 18, 1999 3:29 AM  
To: Fazekas Maj Scott J  
Cc: Morris GS09 Thomas S; Paul GS13 Neal N  
Subject: FW: discrepancy with start of contam.

Maj Fazekas,

Can you please give me a call regarding ATSDR's question below. Is the document one of our investigation studies or is it one of our draft chronologies? (Tom - if you know, please call too). Thanks,

VR,  
Kelly Dreyer  
Environmental Restoration Program Manager  
HQ Marine Corps  
DSN 225-8302, ext 3329  
COM (703) 695-8302, ext 3329  
dreyerka@hqmc.usmc.mil

-----Original Message-----

From: Kaye, Wendy [mailto:wek1@cdc.gov]  
Sent: Friday, October 15, 1999 1:39 PM  
To: 'Dreyer, Kelly'  
Subject: FW: discrepancy with start of contam.

Kelly - This is the other thing we need to talk about. Thanks Wendy

> -----Original Message-----

> From: Socha, Marie

CLW

0000003169

> Sent: Friday, October 15, 1999 1:34 PM  
> To: Kaye, Wendy  
> Subject: discrepancy with start of contam.  
>  
> Hi Wendy,  
>  
> There is a slight discrepancy between when the ATSDR documents state that  
> the water contamination at Camp Lejeune was first found versus what  
> Fazekas states. He stated that the contamination started in 1980; our  
> documents state that is was in 1982. I wanted to get the name of the  
> report which states the 1980 date, as well as a copy of it. However, I  
> have not yet received it from Major Fazekas. IF you get a chance to talk  
> to someone about this, please ask them for a copy of the supporting  
> document.  
>  
> Thanks!  
> Marie  
>  
> Marie L. Socha, MS, MSPH  
> ATSDR/Division of Health Studies,  
> Epidemiology and Surveillance Branch  
> 1600 Clifton Road NE, Mailstop E-31  
> Atlanta, Georgia 30333  
> Phone: 404-639-6203  
> Fax: 404-639-6219  
>  
>

CLW  
0000003170

**Morris GS09 Thomas S**

---

**From:** Paul GS13 Neal N  
**Sent:** Monday, October 18, 1999 6:17 AM  
**To:** Morris GS09 Thomas S  
**Subject:** FW: discrepancy with start of contam.

Tom,  
please help them clarify this issue.  
Thks,  
N

-----Original Message-----

**From:** Fazekas Maj Scott J  
**Sent:** Monday, October 18, 1999 7:20 AM  
**To:** Paul GS13 Neal N  
**Subject:** FW: discrepancy with start of contam.

Neal, wasn't there a copy of a lab analysis done by the Army techs on the Had not point water in 1980? I recall hearing about it, and seeing it referenced in the chronology. I think this is what they're after.

V/R

Maj S Fazekas, Deputy, CPAO  
"Who would have peace, should prepare for war"-Vegetius  
Voice: (910) 451 7413  
DSN: 751 7413  
Cell: (910) 934 4458  
Pager: (910) 451 1022, first tone dial 673, second, your number  
Fax: (910) 451 5882  
[www.lejeune.usmc.mil](http://www.lejeune.usmc.mil)

-----Original Message-----

**From:** Dreyer GS13 Kelly A  
**Sent:** Monday, October 18, 1999 5:29 AM  
**To:** Fazekas Maj Scott J  
**Cc:** Morris GS09 Thomas S; Paul GS13 Neal N  
**Subject:** FW: discrepancy with start of contam.

Maj Fazekas,

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VR,  
Kelly Dreyer  
Environmental Restoration Program Manager  
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COM (703) 695-8302, ext 3329  
[dreyerka@hqmc.usmc.mil](mailto:dreyerka@hqmc.usmc.mil)

CLW

0000003171

-----Original Message-----

From: Kaye, Wendy [mailto:wek1@cdc.gov] <mailto:[mailto:wek1@cdc.gov]>

Sent: Friday, October 15, 1999 1:39 PM

To: 'Dreyer, Kelly'

Subject: FW: discrepancy with start of contam.

Kelly - This is the other thing we need to talk about. Thanks Wendy

> -----Original Message-----

> From: Socha, Marie

> Sent: Friday, October 15, 1999 1:34 PM

> To: Kaye, Wendy

> Subject: discrepancy with start of contam.

>

> Hi Wendy,

>

> There is a slight discrepancy between when the ATSDR documents state that

> the water contamination at Camp Lejeune was first found versus what

> Fazekas states. He stated that the contamination started in 1980; our

> documents state that it was in 1982. I wanted to get the name of the

> report which states the 1980 date, as well as a copy of it. However, I

> have not yet received it from Major Fazekas. IF you get a chance to talk

> to someone about this, please ask them for a copy of the supporting

> document.

>

> Thanks!

> Marie

>

> Marie L. Socha, MS, MSPH

> ATSDR/Division of Health Studies,

> Epidemiology and Surveillance Branch

> 1600 Clifton Road NE, Mailstop E-31

> Atlanta, Georgia 30333

> Phone: 404-639-6203

> Fax: 404-639-6219

>

>

CLW

0000003172

## Morris GS09 Thomas S

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**From:** Kaye, Wendy [wek1@cdc.gov]  
**Sent:** Monday, October 18, 1999 6:26 AM  
**To:** 'Fazekas Maj Scott J'; Dreyer GS13 Kelly A  
**Cc:** Paul GS13 Neal N; Morris GS09 Thomas S; Reed Jr Maj Leslie H; Wyckoff 1stLt Courtney D; Jungreis Capt Jeremy N; Finn LtCol Stephen P; Socha, Marie; Kaye, Wendy  
**Subject:** RE: Other Lejeune Survey

Scott - Thanks for the information. You are mostly likely correct that this is another case of confusion, however, the man mentions mailing back a survey and ours is done over the telephone. Is there anything going on at Lejeune that he could be referring to? Thanks again. Wendy

> -----Original Message-----

> From: Fazekas Maj Scott J [SMTP:FazekasSJ@lejeune.usmc.mil]  
> Sent: Monday, October 18, 1999 7:18 AM  
> To: Dreyer GS13 Kelly A  
> Cc: Paul GS13 Neal N; Morris GS09 Thomas S; Reed Jr Maj Leslie H;  
> Wyckoff 1stLt Courtney D; Jungreis Capt Jeremy N; Finn LtCol Stephen P;  
> 'Socha, Marie'; 'SMTP[<wek1@cdc.gov>]'  
> Subject: RE: Other Lejeune Survey

>  
> Kelly,

>  
> No impact, no idea. We're not doing any survey here. I have noticed that  
> some callers refer to this as "the survey you guys at Lejeune are doing".  
> We're always careful to point out that it's ATSDR doing the survey/study,  
> and not us here. I think this is another of those cases.

> V/R

>  
> Maj S Fazekas, Deputy, CPAO  
> "Who would have peace, should prepare for war"-Vegetius  
> Voice: (910) 451 7413  
> DSN: 751 7413  
> Cell: (910) 934 4458  
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> -----Original Message-----

> From: Dreyer GS13 Kelly A  
> Sent: Monday, October 18, 1999 5:32 AM  
> To: Fazekas Maj Scott J  
> Cc: Paul GS13 Neal N; Morris GS09 Thomas S; Reed Jr Maj  
> Leslie H; Wyckoff 1stLt Courtney D; Jungreis Capt Jeremy N; Finn LtCol  
> Stephen P  
> Subject:FW: Other Lejeune Survey  
> Importance: High

> Maj Fazekas,

>  
> I am unaware of Camp Lejeune conducting a survey. Can you  
> provide any information on why ATSDR might think we are? Also, do we have  
> some type of mailing list? If you can give me a call, I'd appreciate it.

> VR,  
> Kelly Dreyer  
> Environmental Restoration Program Manager  
> HQ Marine Corps  
> DSN 225-8302, ext 3329  
> COM (703) 695-8302, ext 3329  
> dreyerka@hqmcmc.usmc.mil

> -----Original Message-----

CLW

0000003173

> From: Kaye, Wendy [mailto:wek1@cdc.gov]  
> Sent: Friday, October 15, 1999 1:24 PM  
> To: 'Dreyer, Kelly'  
> Cc: Socha, Marie; Skipper, Kathy  
> Subject: FW: Other Lejeune Survey  
> Importance: High

> Kelly - could you please look into this? If Camp Lejeune is  
> doing a survey,  
> it could seriously interfere with what we are doing. In  
> addition, if they do  
> have a mailing list we would like to use it as well. Any  
> help would be  
> greatly appreciated. I am at home today but will call you  
> early next week  
> to talk about this and a couple other issues that have come  
> up. Wendy

> > -----Original Message-----  
> > From: myerssha@norcmail.uchicago.edu  
> [SMTP:myerssha@norcmail.uchicago.edu]  
> > Sent: Thursday, October 14, 1999 8:41 PM  
> > To: zgc8@cdc.gov; WEK1@cdc.gov; CDB5@cdc.gov  
> > Cc: chittick-jayson\_at\_norc@norcmail.uchicago.edu  
> > Subject: Other Lejeune Survey

> > Hi all, I'm forwarding a request/question from Jay  
> that we forgot to  
> talk  
> about today. Does anyone know of another survey  
> going on?

> > Sharon,  
> > Last night during an interview a respondent mentioned  
> the fact that  
> he  
> had already mailed in his survey, after further  
> probing it was  
> identified that those retired military members that  
> were at Camp  
> Lejeune are participating in some sort of written  
> survey concerning  
> the  
> water at Camp Lejeune. I wonder if we can get our  
> hands on this  
> mailing list. Many of their respondents may also be  
> on our list and  
> the address information would help in locating.

> > Jay

> > \_\_\_\_\_ Forward Header

> > Subject: Other Lejeune Survey  
> > Author: SIPULSKI-EDWARD at NORC  
> > Date: 10/11/99 9:47 PM

> > I spoke with a retired Marine today who was confused  
> when I said that  
> I was calling regarding the Camp Lejeune survey. At  
> first he said  
> that he mailed "that thing back to you guys two weeks  
> ago". I asked

CLW

0000003174

> what it was that he sent and after a few minutes his  
> wife reminded  
> him  
> of the "water survey". He explained to me that  
> retired mil members  
> that were at CJ participate in some sort of written  
> survey that takes  
>  
> about 20 mins. Just thought I'd let everyone know.  
>  
> Thanks,  
>  
> Ed  
>  
>

**CLW**

**0000003175**

**Morris GS09 Thomas S**

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**From:** Fazekas Maj Scott J  
**Sent:** Monday, October 18, 1999 4:18 AM  
**To:** Dreyer GS13 Kelly A  
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COM (703) 695-8302, ext 3329  
dreyerka@hqmc.usmc.mil

-----Original Message-----

CLW

0000003176

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Sent: Friday, October 15, 1999 1:24 PM  
To: 'Dreyer, Kelly'  
Cc: Socha, Marie; Skipper, Kathy  
Subject: FW: Other Lejeune Survey  
Importance: High

Kelly - could you please look into this? If Camp Lejeune is doing a survey, it could seriously interfere with what we are doing. In addition, if they do have a mailing list we would like to use it as well. Any help would be greatly appreciated. I am at home today but will call you early next week to talk about this and a couple other issues that have come up. Wendy

> -----Original Message-----

> From: myerssha@norcmail.uchicago.edu  
[SMTP:myerssha@norcmail.uchicago.edu]  
> Sent: Thursday, October 14, 1999 8:41 PM  
> To: zgc8@cdc.gov; WEK1@cdc.gov; CDB5@cdc.gov  
> Cc: chittick-jayson\_at\_norc@norcmail.uchicago.edu  
> Subject: Other Lejeune Survey

>

>

> Hi all, I'm forwarding a request/question from Jay that we forgot to  
> talk  
> about today. Does anyone know of another survey going on?

>

>

>

> Sharon,

>

> Last night during an interview a respondent mentioned the fact that  
> he

> had already mailed in his survey, after further probing it was  
> identified that those retired military members that were at Camp  
> Lejeune are participating in some sort of written survey concerning  
> the

> water at Camp Lejeune. I wonder if we can get our hands on this  
> mailing list. Many of their respondents may also be on our list and  
> the address information would help in locating.

>

> Jay

>

>

> \_\_\_\_\_ Forward Header

>

> Subject: Other Lejeune Survey  
> Author: SIPULSKI-EDWARD at NORC  
> Date: 10/11/99 9:47 PM

>

CLW

0000003177

>  
> I spoke with a retired Marine today who was confused when I said that  
>  
> I was calling regarding the Camp Lejeune survey. At first he said  
> that he mailed "that thing back to you guys two weeks ago". I asked  
> what it was that he sent and after a few minutes his wife reminded  
> him  
> of the "water survey". He explained to me that retired mil members  
> that were at CJ participate in some sort of written survey that takes  
>  
> about 20 mins. Just thought I'd let everyone know.  
>  
> Thanks,  
>  
> Ed  
>  
>

**CLW**

**0000003178**

## Morris GS09 Thomas S

---

**From:** Dreyer GS13 Kelly A  
**Sent:** Monday, October 18, 1999 3:32 AM  
**To:** Fazekas Maj Scott J  
**Cc:** Paul GS13 Neal N; Morris GS09 Thomas S; Reed Jr Maj Leslie H; Wyckoff 1stLt Courtney D; Jungreis Capt Jeremy N; Finn LtCol Stephen P  
**Subject:** FW: Other Lejeune Survey  
**Importance:** High

Maj Fazekas,

I am unaware of Camp Lejeune conducting a survey. Can you provide any information on why ATSDR might think we are? Also, do we have some type of mailing list? If you can give me a call, I'd appreciate it.

VR,  
Kelly Dreyer  
Environmental Restoration Program Manager  
HQ Marine Corps  
DSN 225-8302, ext 3329  
COM (703) 695-8302, ext 3329  
dreyerka@hqmc.usmc.mil

-----Original Message-----

**From:** Kaye, Wendy [mailto:wek1@cdc.gov]  
**Sent:** Friday, October 15, 1999 1:24 PM  
**To:** 'Dreyer, Kelly'  
**Cc:** Socha, Marie; Skipper, Kathy  
**Subject:** FW: Other Lejeune Survey  
**Importance:** High

Kelly - could you please look into this? If Camp Lejeune is doing a survey, it could seriously interfere with what we are doing. In addition, if they do have a mailing list we would like to use it as well. Any help would be greatly appreciated. I am at home today but will call you early next week to talk about this and a couple other issues that have come up. Wendy

> -----Original Message-----

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> **Sent:** Thursday, October 14, 1999 8:41 PM  
> **To:** zgc8@cdc.gov; WEK1@cdc.gov; CDB5@cdc.gov  
> **Cc:** chittick-jayson\_at\_norc@norcmail.uchicago.edu  
> **Subject:** Other Lejeune Survey

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> about today. Does anyone know of another survey going on?

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> Sharon,

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> mailing list. Many of their respondents may also be on our list and  
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>  
> Jay  
>

CLW

0000003179

>  
> \_\_\_\_\_ Forward Header  
>

> Subject: Other Lejeune Survey  
> Author: SIPULSKI-EDWARD at NORC  
> Date: 10/11/99 9:47 PM  
>

> I spoke with a retired Marine today who was confused when I said that  
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> I was calling regarding the Camp Lejeune survey. At first he said  
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> him

> of the "water survey". He explained to me that retired mil members  
> that were at CJ participate in some sort of written survey that takes  
>

> about 20 mins. Just thought I'd let everyone know.  
>

> Thanks,  
>

> Ed  
>  
>

CLW

0000003180

## Morris GS09 Thomas S

---

**From:** Dreyer GS13 Kelly A  
**Sent:** Monday, October 18, 1999 7:52 AM  
**To:** Morris GS09 Thomas S  
**Cc:** Paul GS13 Neal N; Fazekas Maj Scott J  
**Subject:** RE: discrepancy with start of contam.

Thanks Tom - I appreciate your reply.

VR,  
Kelly

-----Original Message-----

**From:** Morris GS09 Thomas S  
**Sent:** Monday, October 18, 1999 8:53 AM  
**To:** Dreyer GS13 Kelly A  
**Cc:** Paul GS13 Neal N; Fazekas Maj Scott J  
**Subject:** RE: discrepancy with start of contam.

Kelly,

In compliance with requirements of the Safe Drinking Water Act, the EPA published regulations for the control of Trihalomethanes (THM) in November 1979. For water treatment systems serving between 10,000 and 75,000 people, mandatory monitoring was required to begin by 29 November 1980 and compliance with the new standard was to be achieved by 29 November 1983. Smaller systems serving fewer than 10,000 people were not required to monitor and comply with the new standards. At Camp Lejeune, only the Hadnot Point and MCAS New River water plants served more than 10,000 people. These two plants were required to be tested quarterly; however, Camp Lejeune proactively had samples drawn from all water systems.

Camp Lejeune is in possession of "Surveillance Report Forms" from Laboratory Chief, Fort McPherson Laboratory that reflect chlorinated hydrocarbons (solvents) in the sampled water at high levels, which interfered with Trihalomethane (THM) sampling in Hadnot Point. The samples from 21 Oct 80, 18 Dec 80, 29 Jan 81, 26 Feb 81 and 9 Mar 81 exhibited the high levels of solvent contamination. Samples taken on 14 Apr 81 and 11 Jun 81 do not reflect any further interference from chlorinated hydrocarbons.

Please let me know if you have any comments or questions.

Thanks,

V/R

Thomas S. Morris  
Environmental Protection Specialist  
Installation Restoration Division  
Environmental Management Department  
Marine Corps Base, Camp Lejeune, NC  
(910) 451-9612 -or- (DSN) 751-9612

-----Original Message-----

**From:** Dreyer GS13 Kelly A  
**Sent:** Monday, October 18, 1999 3:29 AM  
**To:** Fazekas Maj Scott J  
**Cc:** Morris GS09 Thomas S; Paul GS13 Neal N  
**Subject:** FW: discrepancy with start of contam.

Maj Fazekas,

Can you please give me a call regarding ATSDR's question below. Is the document one of our investigation studies or is it one of our draft chronologies? (Tom - if you know, please call too). Thanks,

VR,  
Kelly Dreyer  
Environmental Restoration Program Manager  
HQ Marine Corps  
DSN 225-8302, ext 3329  
COM (703) 695-8302, ext 3329  
dreyerka@hqmc.usmc.mil

CLW

0000003181

-----Original Message-----

From: Kaye, Wendy [mailto:wek1@cdc.gov]  
Sent: Friday, October 15, 1999 1:39 PM  
To: 'Dreyer, Kelly'  
Subject: FW: discrepancy with start of contam.

Kelly - This is the other thing we need to talk about. Thanks Wendy

> -----Original Message-----

> From: Socha, Marie  
> Sent: Friday, October 15, 1999 1:34 PM  
> To: Kaye, Wendy  
> Subject: discrepancy with start of contam.

>  
> Hi Wendy,

>  
> There is a slight discrepancy between when the ATSDR documents state that  
> the water contamination at Camp Lejeune was first found versus what  
> Fazekas states. He stated that the contamination started in 1980; our  
> documents state that it was in 1982. I wanted to get the name of the  
> report which states the 1980 date, as well as a copy of it. However, I  
> have not yet received it from Major Fazekas. IF you get a chance to talk  
> to someone about this, please ask them for a copy of the supporting  
> document.

>  
> Thanks!

> Marie  
>  
> Marie L. Socha, MS, MSPH  
> ATSDR/Division of Health Studies,  
> Epidemiology and Surveillance Branch  
> 1600 Clifton Road NE, Mailstop E-31  
> Atlanta, Georgia 30333  
> Phone: 404-639-6203  
> Fax: 404-639-6219

>  
>

CLW

0000003182

**Morris GS09 Thomas S**

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**From:** Fazekas Maj Scott J  
**Sent:** Tuesday, October 19, 1999 2:05 PM  
**To:** Morris GS09 Thomas S  
**Subject:** Q's for CCI

Tom, here's the top ten:

10. Why didn't anyone tell me about this sooner?
9. Where do I go to get more information?
8. How did the chemicals get in my water?
7. What are the effects of these chemicals on the body?
6. What will the Marine Corps do about this?
5. When will I get the results of the study back?
4. How much of the chemicals did I come into contact with?
3. Why was this group of people chosen for this study?
2. What are these chemicals used for?

And the number one question in the ATSDR hotline room:

1. Who do I sue?

Thank you and good night!

V/R

Maj S Fazekas, Deputy, CPAO

"Who would have peace, should prepare for war"-Vegetius

Voice: (910) 451 7413

DSN: 751 7413

Cell: (910) 934 4458

Pager: (910) 451 1022, first tone dial 673, second, your number

Fax: (910) 451 5882

[www.lejeune.usmc.mil](http://www.lejeune.usmc.mil)

**CLW**

**0000003183**

**Morris GS09 Thomas S**

---

**From:** Brewer GS14 Scott A  
**Sent:** Tuesday, October 19, 1999 6:05 AM  
**To:** Fazekas Maj Scott J  
**Cc:** Paul GS13 Neal N; Morris GS09 Thomas S  
**Subject:** RE: Other Lejeune Survey

Scott: We haven't seen or heard anything of a separate survey. We'll keep our eyes and ears open though. V/r sab

-----Original Message-----

**From:** Fazekas Maj Scott J  
**Sent:** Monday, October 18, 1999 12:13 PM  
**To:** Frederick Cone; Jeremy Jungreis; Neal Paul; Rick Raines; Scott Brewer; Stephen Finn; William Perez  
**Subject:** FW: Other Lejeune Survey

This is more of what Kelly Dreyer was talking about. I'll send up her query as well. Anyone have anything on this? We're not doing any type of survey down here; believe me when I tell you I've enough to do without conducting my own research!  
V/R

Maj S Fazekas, Deputy, CPAO  
"Who would have peace, should prepare for war"-Vegetius  
Voice: (910) 451 7413  
DSN: 751 7413  
Cell: (910) 934 4458  
Pager: (910) 451 1022, first tone dial 673, second, your number  
Fax: (910) 451 5882  
www.lejeune.usmc.mil

-----Original Message-----

**From:** Socha, Marie [<mailto:zgc8@cdc.gov>] <[mailto:\[mailto:zgc8@cdc.gov\]](mailto:[mailto:zgc8@cdc.gov])>  
**Sent:** Monday, October 18, 1999 7:27 AM  
**To:** 'Fazekas Maj Scott J'  
**Subject:** RE: Other Lejeune Survey

Hi Scott!

Apparently there is ANOTHER survey going on... a written one. Perhaps it is a veteran group that is doing this.

Marie

> -----Original Message-----

> From: Fazekas Maj Scott J [[SMTP:FazekasSJ@lejeune.usmc.mil](mailto:FazekasSJ@lejeune.usmc.mil)] <[mailto:\[SMTP:FazekasSJ@lejeune.usmc.mil\]](mailto:[SMTP:FazekasSJ@lejeune.usmc.mil])>

> Sent: Monday, October 18, 1999 7:18 AM

> To: Dreyer GS13 Kelly A

> Cc: Paul GS13 Neal N; Morris GS09 Thomas S; Reed Jr Maj Leslie H;

> Wyckoff 1stLt Courtney D; Jungreis Capt Jeremy N; Finn LtCol Stephen P;

> 'Socha, Marie'; '[SMTP\[<wek1@cdc.gov <mailto:wek1@cdc.gov>>\]](mailto:wek1@cdc.gov)'

> Subject: RE: Other Lejeune Survey

>

> Kelly,

CLW

0000003184

**Morris GS09 Thomas S**

---

**From:** Paul GS13 Neal N  
**Sent:** Friday, October 29, 1999 11:59 AM  
**To:** Morris GS09 Thomas S

Please email Cap Jungreis of betsy betz's phone number.

Thanks,

N

(919) 541-1535

**CLW**

**0000003185**